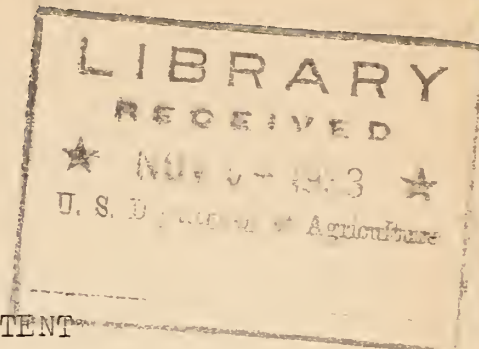


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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF HOME ECONOMICS
WASHINGTON, D.C.



COMPOSITION AND FUEL VALUE OF
BEERS, ALES, AND PORTERS OF LOW ALCOHOL CONTENT

	% (by wt.)	% (by wt.)
Maltose	1.4	
Dextrine	2.0	
Acids	.2	
Glycerine	.2	
Total**	3.8	
Protein (N x 6.25)	.4	
Ash	.2	
Undetermined solids (by difference)	1.0	
Extract***	5.4	5.4
Alcohol (by weight)**		3.1
Water (by difference)		91.5
		100.0

Specific gravity = 1.015

Estimate of average fuel value

38.8 calories per 100 grams
39.4 " " 100 cc.
187 " " pint (474 cc.)

Except for ash and undetermined solids which have been disregarded in these calculations all of the extract has been counted at 4 calories per gram; alcohol calculated at 7.1 cals. per gram.

*Average composition from many analyses, mostly European. Based on Konig. Only samples having less than 3.5% alcohol by weight are included.

**In figuring the carbohydrate content of a diet, maltose, dextrine, acids, glycerine, and probably alcohol should be regarded as carbohydrate material.

*** Total solids as determined.

